Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 25 Mar 2023 until 23:59 on Sunday 26 Mar 2023

Forecast Issued on Saturday 25 Mar 2023 at 04:53

Confidence: Lower confidence in persistence of rain, showers and low cloud today. High confidence for drier and more settled conditions on Sunday and Monday, then lower for timing of rain arrival Tuesday.

Headline for Saturday 25 Mar 2023: Cloudy, with showers and longer spells of rain.

Mountain weather hazards on Saturday 25 Mar 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain
Precipitation probability					
80%	80%	80%	90%	70%	60%

Forecast for Saturday 25 Mar 2023

Weather: Extensive cloud and spells of often heavy rain this morning and afternoon. Some improvement may occur late morning, most likely across southern areas, with some drier and brighter spells possible. However, heavy showers could then develop, and become heavy, prolonged and with the odd rumble of thunder and hail. This evening any showers will ease, as outbreaks of mostly light rain become extensive.

Chance of cloud-free hill tops above 600m: 20%.

Low Cloud and visibility: Generally extensive cloud base 300-400m lifting to 600m by late morning, and possibly breaking across eastern areas this morning and afternoon. Mostly good or very good visibility, but becoming moderate in showers and rain.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 25 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/31 W	19/24 W	13/17 W	15/20 W	8/12 SE	11/17 E	13/21 E
300	15/30 W	13/26 NW	11/20 W	9/18 W	6/13 SW	10/17 E	12/22 NE
Valley	11/25 W	9/19 W	7/15 W	8/16 W	5/10 S	7/13 E	12/23 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-3	3/-3	4/0	4/0	3/0	2/-3	1/-4
300	5/1	6/2	8/5	7/4	6/4	4/1	3/-1
Valley	6/3	7/4	9/7	8/6	8/6	6/4	5/1
Freezing Level*	1000m	1000m	1200m	1200m	1100m	1000m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Lower confidence in frequency and distribution of showers, particularly this afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 25 Mar 2023	12.2mm	31.2mm	38.4mm

Forecast for Sunday 26 Mar 2023

Weather: Light rain and extensive hill fog overnight, with precipitation falling as sleet or snow on the summits. Becoming largely dry through the morning while remaining cloudy, although isolated light wintry showers may arrive. Feeling colder. Dry through the evening with clear spells developing.

Maximum wind: North-easterly 25 mph gusting 35 mph.

Chance of cloud-free hill tops above 600m: 20% improving 100%

Low Cloud and visibility: Extensive cloud above 400-500m at first, quickly rising above the summits during the morning. Visibility moderate or poor with rain and drizzle, very poor with hill fog, improving very good or excellent.

Temperature: **Valleys:** Plus 5 Celsius.
At 600m: Plus 3 decreasing minus 2 Celsius.
Freezing level: 700m decreasing 400m.

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